



Title: FREEZE CONCENTRATION PROCESS

Inventor: Claude Jarakae Jensen et al.

Docket No. 10209.388

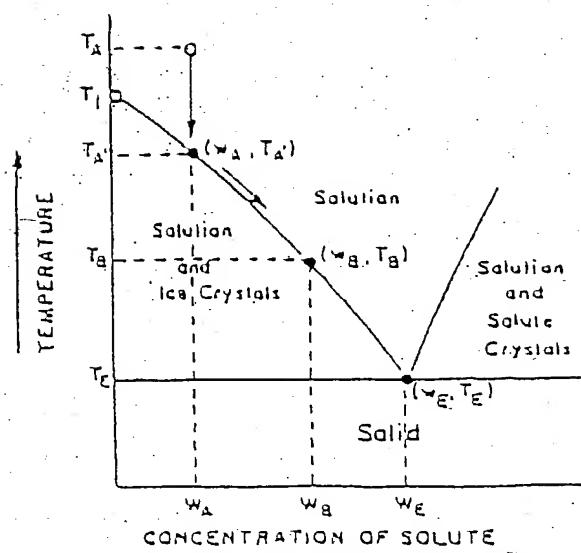
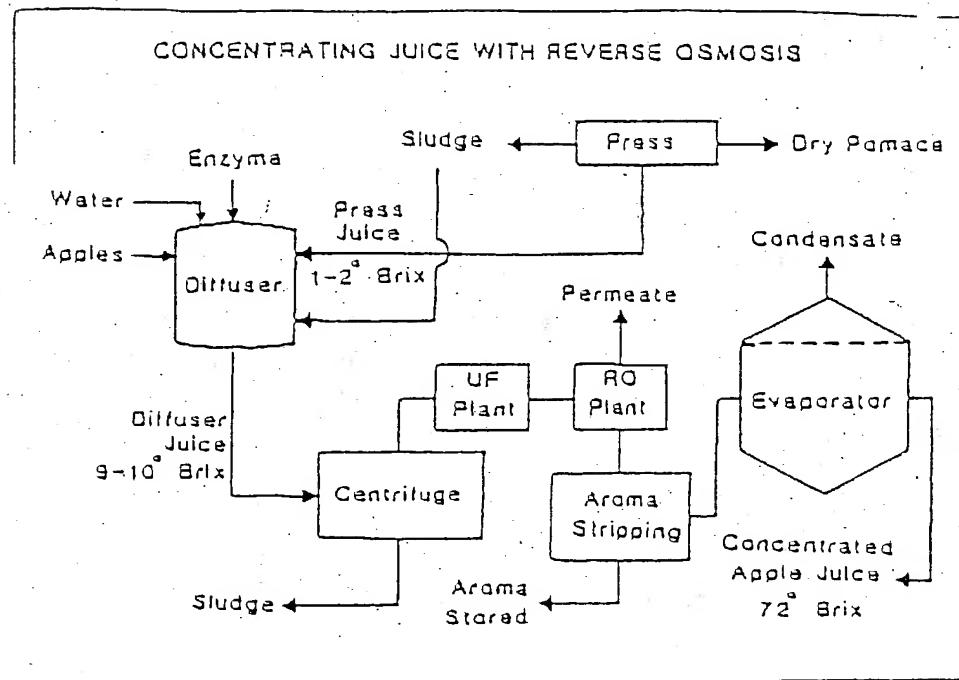
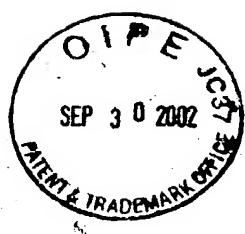


FIG. 1



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### PHASE TRANSITION PROPERTIES OF WATER<sup>a</sup>

Melting point at 1 atm	0.000°C
Boiling point at 1 atm	100.000°C
Critical temperature	374.15°C
Critical pressure	218.4 atm
Triple point	0.0099°C and 4.579 mmHg
Heat of fusion at 0°C	79.71 cal/g; 1.416 kcal/mol
Heat of vaporization at 100°C	538.7 cal/g; 9.703 kcal/mol
Heat of sublimation at 0°C	12.16 kcal/mol

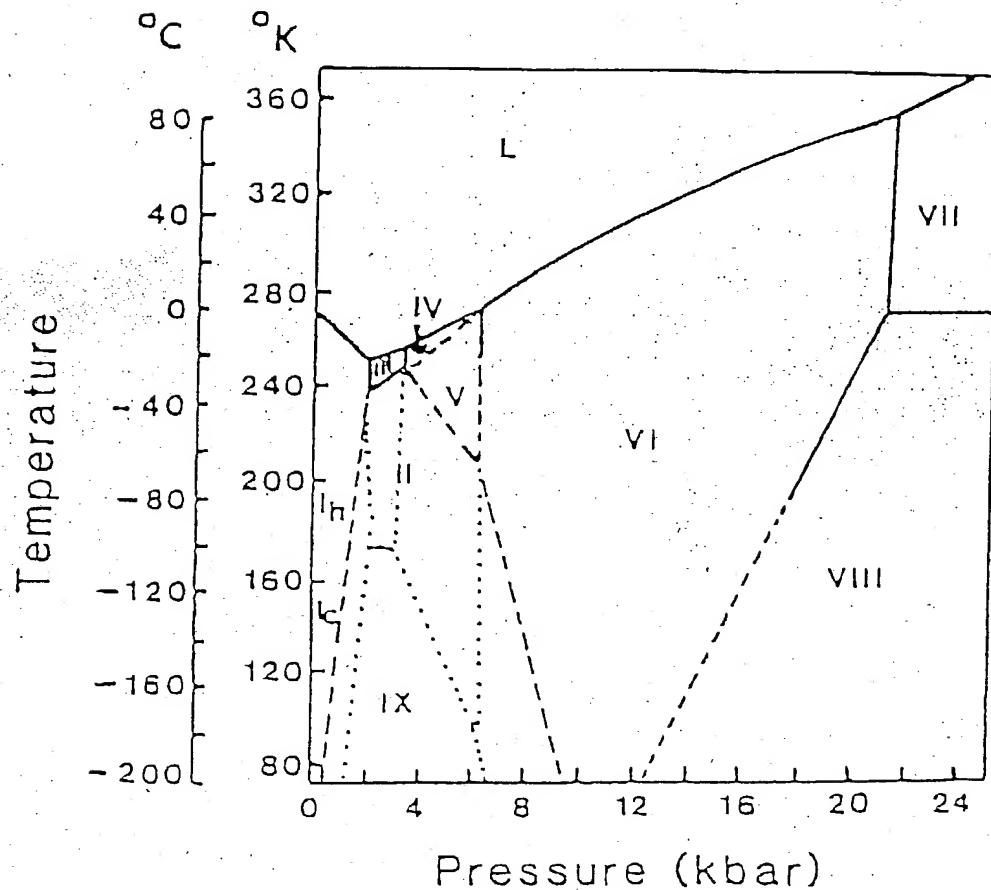


FIG. 2



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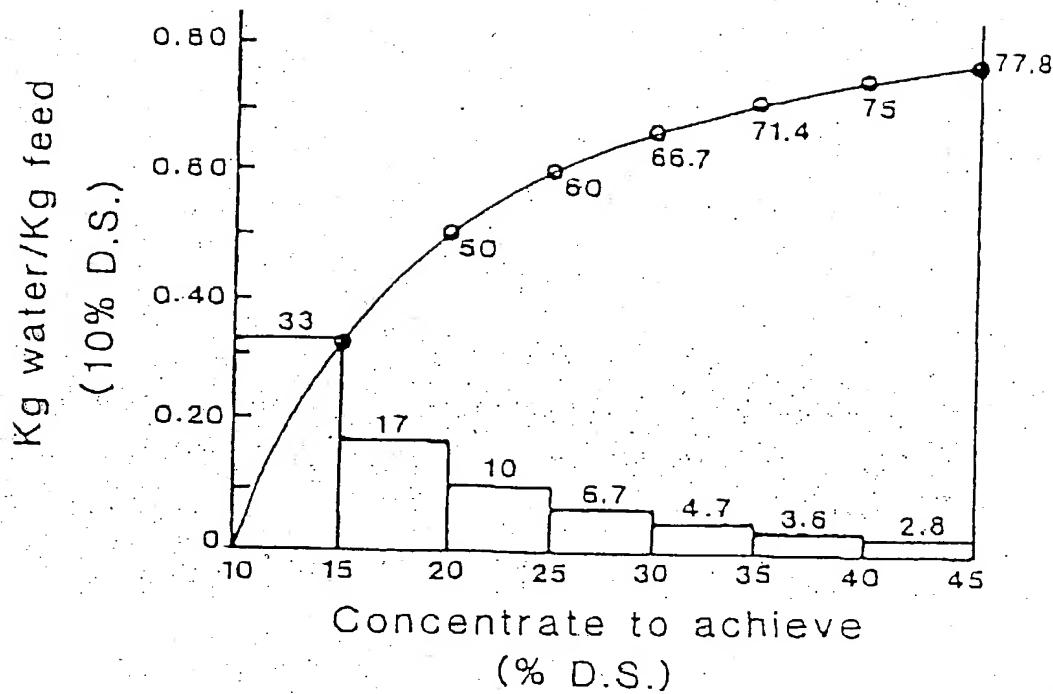


FIG. 3